

*Of the weight of a cubic foot of divers grains, &c.
try'd in a Vessel of wel season'd Oak, whose concave
was an exact cubic foot. By the direction of the
Philosophicall Society of Oxford.*

THE following bodys were poured gently into the vessel, and those in the 12 first Experiments were weighed in scales turning with 2 ounces, but the last 7 were weighd in scales turning with one ounce. The pounds, and ounces here mention'd are Avoirdupois.

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| 1. A foot of Wheat (worth 6 ^s a Bushell) weighd of Avoirdupois weight. | lb. ou. |
| | 47. 8 |
| 2. <i>Wheat</i> of the best sort (worth 6 ^s 4 a bushell.) | 48. 4 |
| 3. The same sort of <i>Wheat</i> measured a 2d time. | 48. 2 |
| Both sorts were red lammas <i>Wheat</i> of the last year. | |
| 4. White <i>Oats</i> of the last year. | 29. 8 |
| The best sort of <i>Oats</i> were 2 ^d in a bushell better then these. | |
| 5. Blew <i>Pease</i> (of the last year,) & much worm-eaten. | 49. 12 |
| 6. White <i>Pease</i> of the last year but one, | 50. 8 |
| 7. <i>Barley</i> of the last year : (the best sort sells for 1 ^s 6 ^d in a quarter more then this :) | 41. 2 |
| 8. <i>Malt</i> of the last years <i>Barley</i> , made 2 months before. | 30. 4 |
| 9. Field <i>Beans</i> of the last year but one, | 50. 8 |
| 10. Wheaten <i>Meal</i> , (unsifted.) | 31. 0 |
| 11. Rye <i>Meal</i> unsifted. | 28. 4 |
| 12. Pump <i>Water</i> | 62. 8 |
| 13. Bay <i>Salt</i> . | 54. 1 |
| 14. White Sea <i>Salt</i> . | 43. 12 |
| 15. Sand. | 85. 4 |
| 16. New-Castle <i>Coal</i> . | 67. 12 |
| 17. Pit- <i>Coal</i> from Wednesbury 63, but this is very uncertain in the filling the interstices betwixt the greater pieces. | 63. 0 |
| 18. Gravell | 109. 5 |
| 19. Wood-Ashes. | 58. 5 |